

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Ralph Gosney, P.E.

GENERAL INFORMATION:

Name:	Chevron Products Company
Address:	1750 Old Frankfort Pike Lexington, KY 40504
Date application received:	July 26, 2002
SIC/Source description:	5171/ Bulk Gasoline Terminal
Source I. D. No.:	21-067-00030
Source AI No.:	1037
Activity No.:	APE20040001
Permit number:	F-05-044

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants): 8-hour ozone standard

EMISSIONS SUMMARY⁽¹⁾:

Pollutant	Potential (tpy) ⁽³⁾	Actual (tpy) ⁽²⁾
VOC	72	31
Individual HAPs > 10 TPY	None	None
Total HAPs > 25 TPY	N/A	N/A

Notes:

- (1) Please refer to Pollutant of Concern (POC) Table for detailed emission calculations.
 (2) Actual emissions are based on Emissions Inventory System report for 2005.
 (3) Potential to emit based on enforceable product loading limits established in the permit.

SOURCE PROCESS DESCRIPTION:

Chevron Products Company operates a Bulk Gasoline Terminal facility (primary SIC code 5171). The source consists of the following permitted emission units and pollution control devices:

Tank ID	Emission Point	Date Installed	Tank Height or Length (ft)	Diameter (ft)	Tank Capacity (gallons)	Product Stored
T01	EU 01	1970	47.67	39	403,368	Low Sulfur Diesel Fuel
T02	EU 02	1970	45.67	55	736,974	Regular Unleaded Gasoline
T03	EU 03	1970	47.67	67	1,095,990	Regular Unleaded Gasoline
T04	EU 04	1970	43.08	39	365,232	High Sulfur Diesel Fuel
T05	EU 05	1970	42.75	67	1,080,282	Supreme Unleaded Gasoline
T06	EU 06	1970	46.42	67	1,187,130	Regular Unleaded Gasoline
T07	EU 07	1970	30	10.5	18,137	Additive
T08	EU 08	1970	30	10.5	18,137	Additive
T09	EU 09	1970	20	10.5	9,068	Petroleum Contact Water
T10	EU 10	1984	35	12	21,135	Gasoline Mix (Transmix)
T14	EU 14	1970	23.58	12	11,624	Gasoline Mix (Transmix)
T15	EU 15	1988	15.42	10.42	8,636	Additive

16 (EU16) Loading Racks

Description: Four Dedicated Vapor Balance Submerged Operation Loading Racks with a Total of 16 Loading Arms and Associated Pipeline Equipment.
 Construction Date: October 1970

Control: Chevron Products Onsite Vapor Recovery Unit (VRU) - Primary Control
 Model: JT-9080-7240-1137
 Manufacturer: Jordan Technologies
 Description: Two activated carbon beds with vacuum regeneration.
 Construction Date: November 1998

Marathon Petroleum Company LLC, Lexington Terminal VRU - Secondary Control
 Model: HAT-1100-355-7-8-9-2
 Manufacturer: John Zinc
 Description: Two activated carbon beds with vacuum regeneration.
 Construction Date: 1981

This permit is the renewal of the source's plant-wide Federally-Enforceable Conditional Major operating permit.

EMISSION AND OPERATING CAPS DESCRIPTION:

Chevron Products has requested voluntary permit emission limits of 9 tons per year (tpy) or less of a single hazardous air pollutant (HAP), 22.5 tpy or less of combined HAPs, and 90 tpy or less of volatile organic compounds (VOC). Compliance with these permit limits shall make the requirements of 401 KAR 52:020, Title V permits, not applicable to this source. These voluntary emission limitations are revised from the respective limits of less than 10 tpy, 25 tpy and 100 tpy specified in initial Permit No. F-97-016, issued on December 12, 1997, to account for emissions due to insignificant activities. Compliance with the VOC limit shall also make this source a synthetic minor source pursuant to 401 KAR 51:017, Prevention of significant deterioration of air quality.

PERIODIC MONITORING:

The permittee shall continue to perform monthly leak inspection monitoring as required pursuant to 40 CFR 60, Subpart XX, and as reflected in this renewal permit.

OPERATIONAL FLEXIBILITY:

In order to achieve compliance with the pollutant emission limits specified above, Chevron Products has requested a voluntary permit limit restricting the total facility throughput of gasoline, slop oil, and gasoline additives to not exceed 250,000,000 gallons per year and total facility throughput of diesel to not exceed 200,000,000 gallons per year.